



RS-C series

The low-voltage rack is a residential energy storage system composed of low-voltage packs, compared with high-voltage stack, low-voltage stack has lower cost and wider applicability, suitable for small households and low power output needs.

SAFE & RELIABLE

- High safety LiFePO4 battery.

CONVENIENT

- Four concealed heavy-duty Fuma wheels facilitate movement of the battery without detracting from the elegant design.
- An anti-tipping mount on the back anchors the battery to the wall.

ULTRA PERFORMANCE

- More than 8000 cycles.

COMPATIBILITY

- Compatible with most hybrid/battery inverters in self-consumption, back-up and off-grid applications.

FLEXIBLE

- Heating function (optional) is suitable for a wider temperature range.
- Quick installation with Fuma-wheel solution.

INTELLIGENCE

- Strong pre-charge and balancing capability.
- Remote data history & firmware upgrading function via Cloud platform.

About Ecosolex

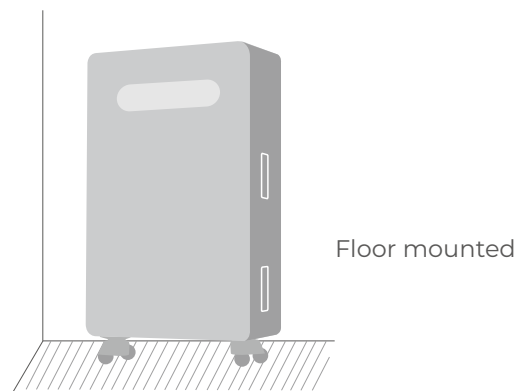
As a sub-brand of Shenzhen Topband Co., Ltd., Ecosolex delivers advanced solar, storage, and charging solutions for residential, commercial, and industrial use. Backed by Topband's decades of expertise, over 2,000 research professionals, and more than 3,600 patents, we provide reliable, safe, and sustainable energy systems. With 13 global production and R&D bases, Ecosolex empowers customers worldwide to achieve energy independence and contribute to a greener, more sustainable future.



RS-C series

Technical Parameters

Model	RS-C51314D
Nominal voltage	51.2V
Nominal capacity	314Ah
Nominal energy	16.1kWh
Operation voltage range	48V~56V
Recommend charging current	140A
Max. charging current	200A
Recommend discharging current	140A
Max. discharging current	200A
Communication	RS485 / CAN
Rating	IP20
Cycle life	≥8000 cycles, @25OC , @0.5C , @90%DOD, @70%EOL
Weight	without wheels: ≈120kg (264.6 lbs), with wheels: ≈130kg (286.6 lbs)
Dimension(L*W*H)	without wheels: 560*250*870mm (22.0*9.8*34.2 inch) with wheels: 560*250*952mm (22.0*9.8*37.5 inch)
Operation temperature range	Charge 0~50°C (32~122°F), Discharge -20~60°C (-4~140°F)
Relative humidity	5%~90%, No condensation
Install altitude	≤4000m
Installation	Floor mounted



Product design and technical specifications are preliminary and subject to change. The brand reserves all rights of final interpretation. This document is for reference only and the officially released product shall prevail.